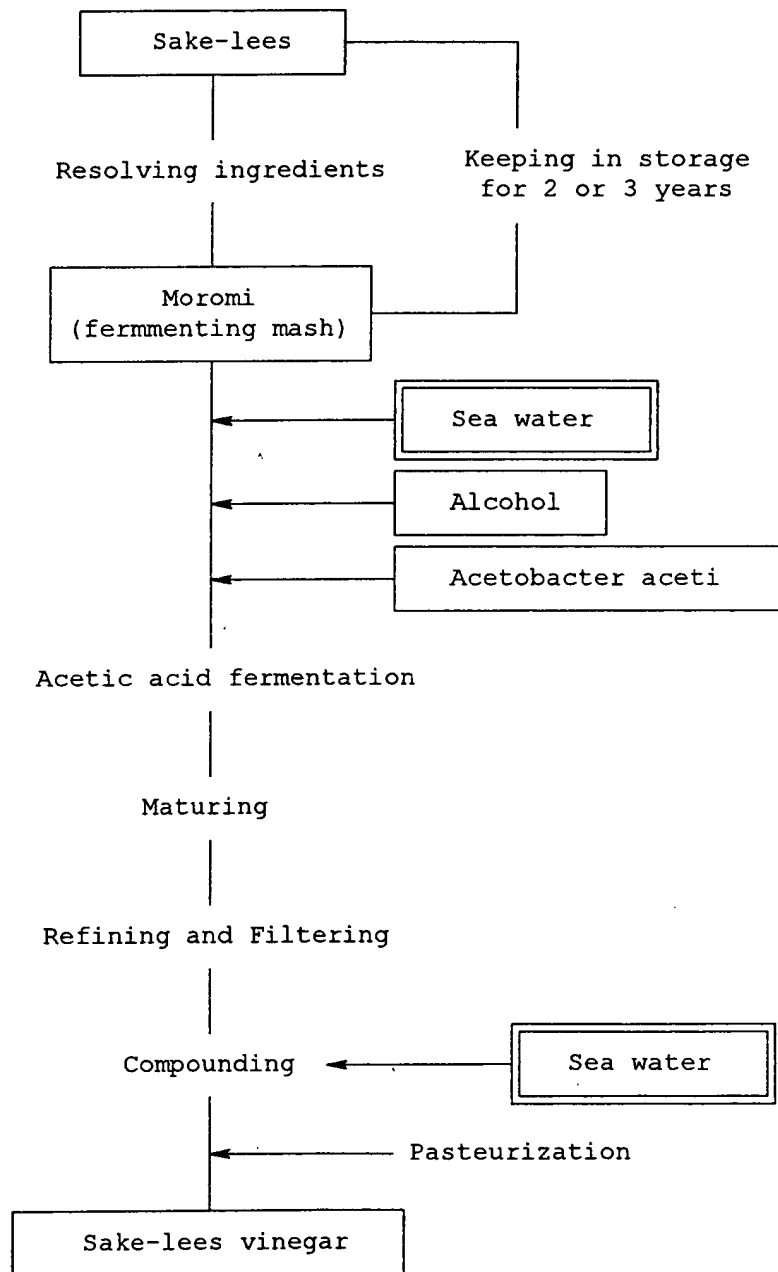


Fig.1



00619306-071900

Fig.2

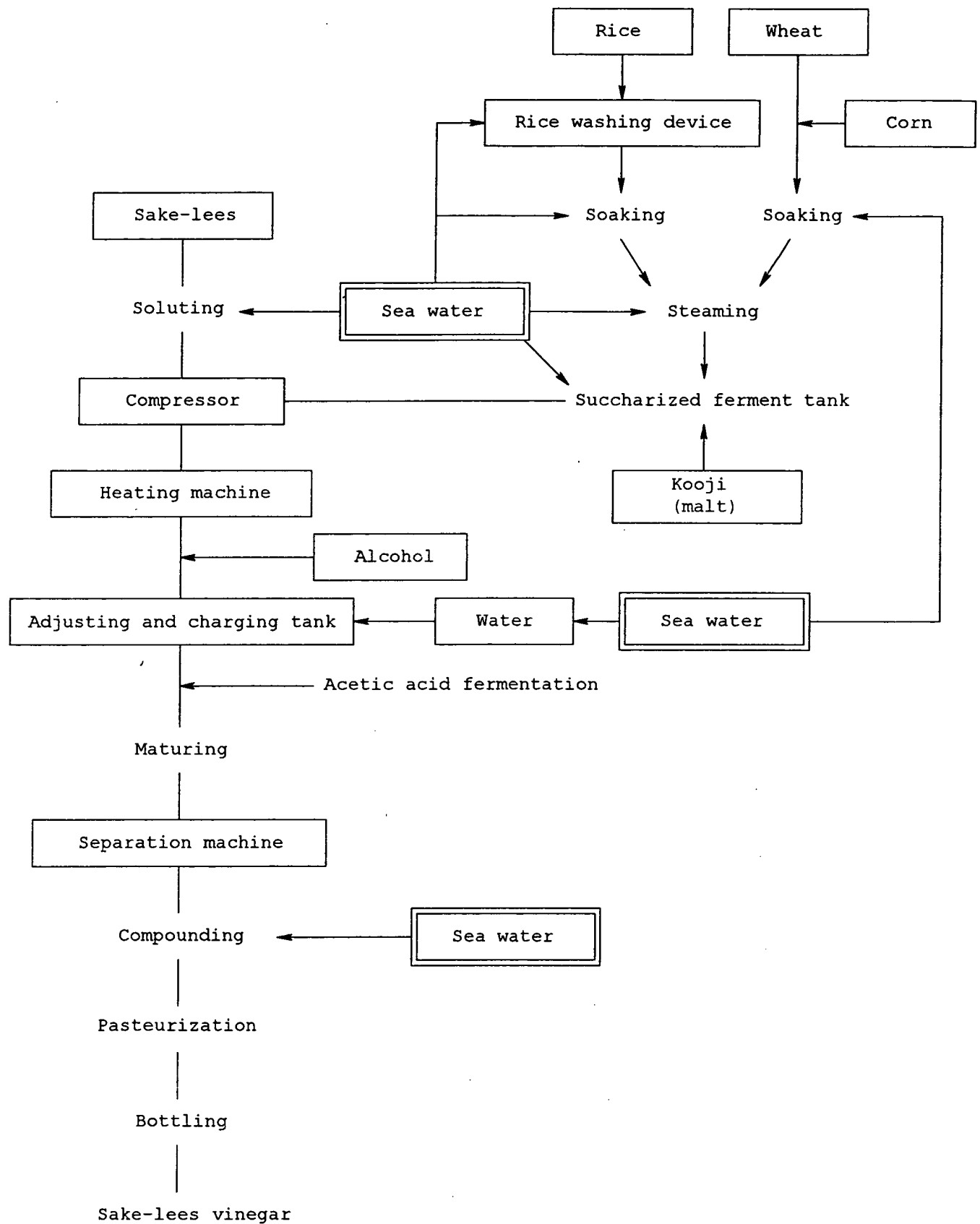


Fig.3

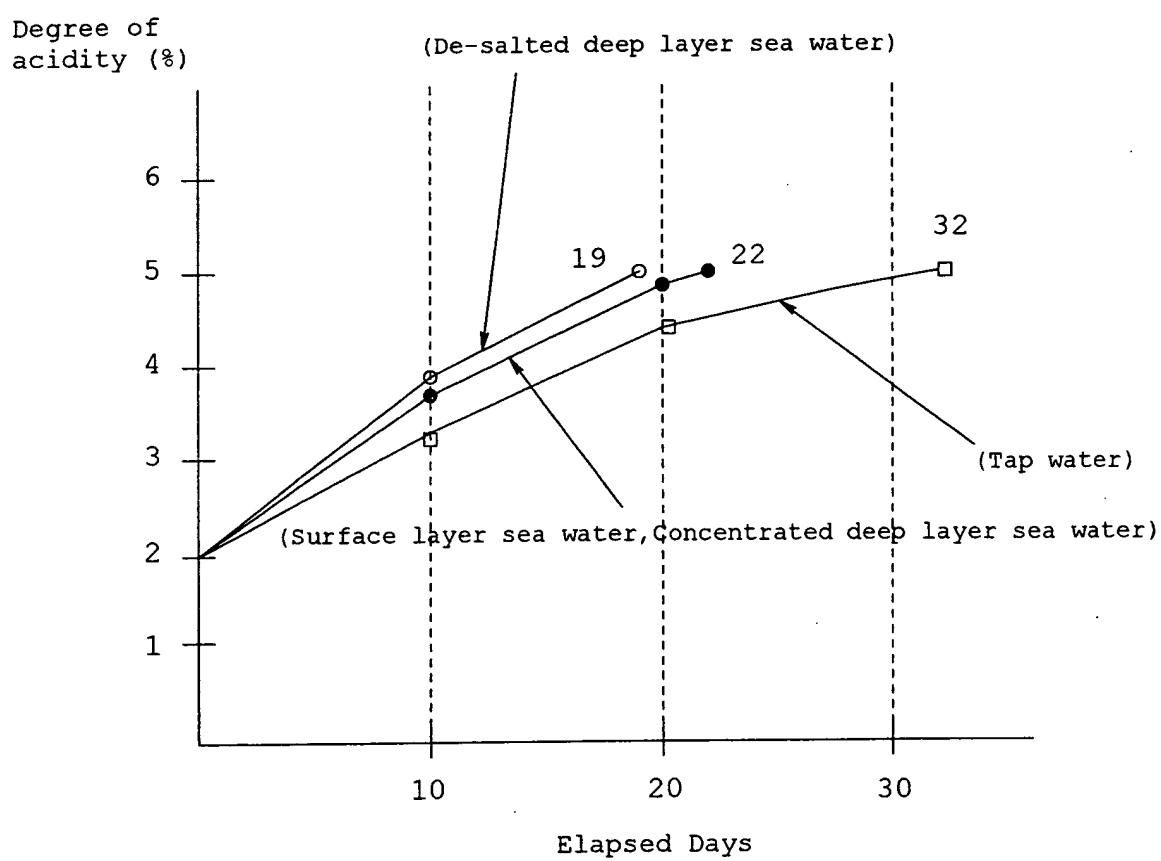
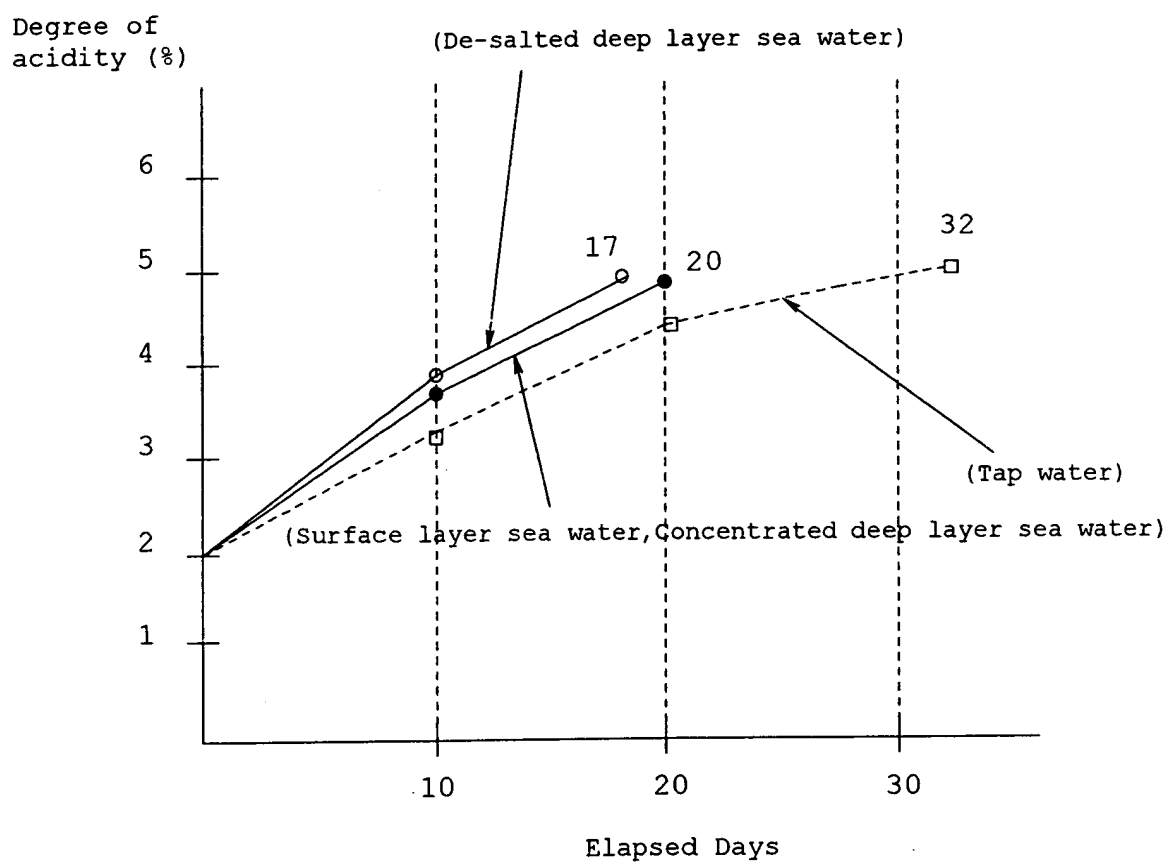
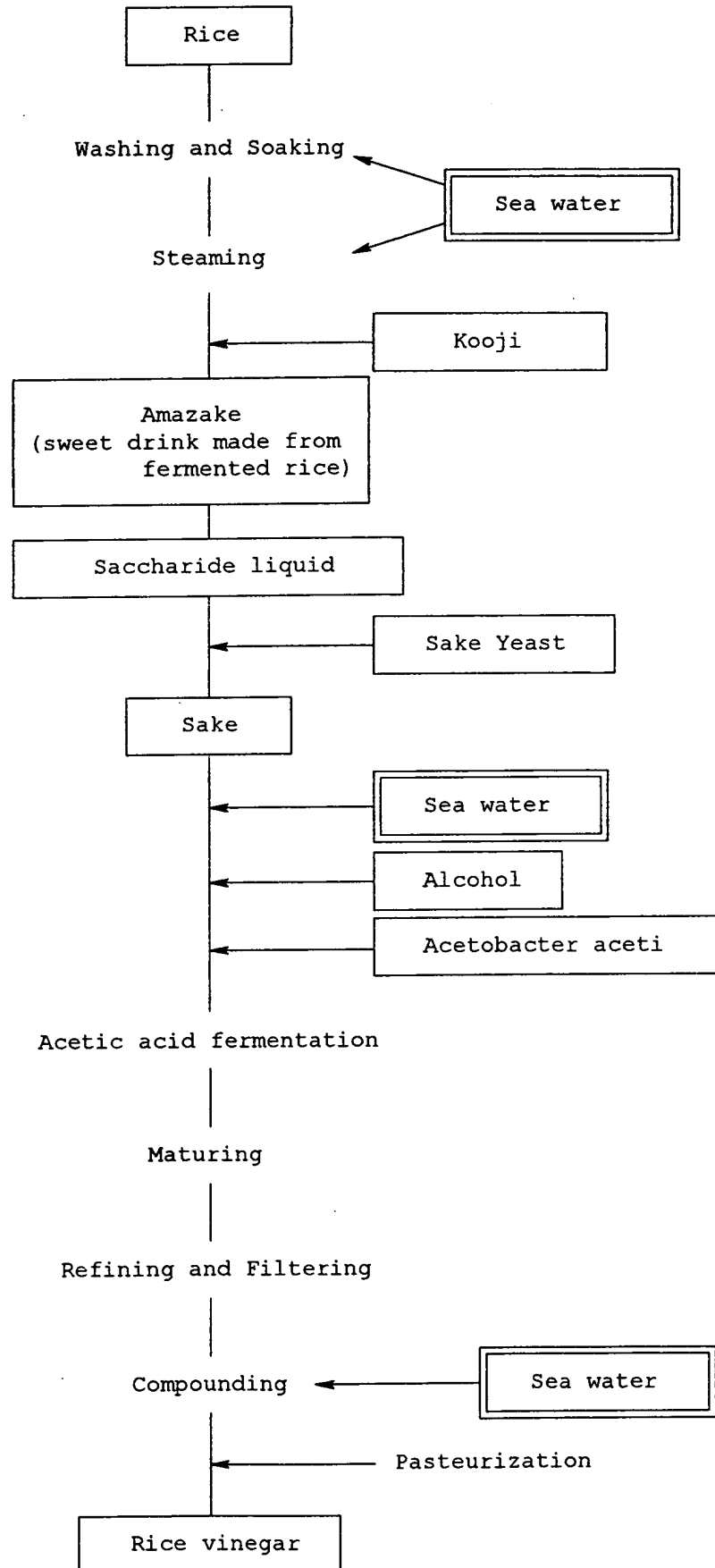


Fig.4



Structure	Yield (%)	mp (°C)	lit. mp (°C)	IR (cm <sup>-1</sup> )	<sup>1</sup> H NMR (ppm)	Mass (m/z)	Elemental Analysis (%)
	85	105-106	105-106	1100, 1040, 1020, 1000, 960, 940, 920, 900, 880, 860, 840, 820, 800, 780, 760, 740, 720, 700, 680, 660, 640, 620, 600, 580, 560, 540, 520, 500, 480, 460, 440, 420, 400, 380, 360, 340, 320, 300, 280, 260, 240, 220, 200, 180, 160, 140, 120, 100	3.8 (s, 4H), 3.7 (s, 4H), 3.6 (s, 4H), 3.5 (s, 4H), 3.4 (s, 4H), 3.3 (s, 4H), 3.2 (s, 4H), 3.1 (s, 4H), 3.0 (s, 4H), 2.9 (s, 4H), 2.8 (s, 4H), 2.7 (s, 4H), 2.6 (s, 4H), 2.5 (s, 4H), 2.4 (s, 4H), 2.3 (s, 4H), 2.2 (s, 4H), 2.1 (s, 4H), 2.0 (s, 4H), 1.9 (s, 4H), 1.8 (s, 4H), 1.7 (s, 4H), 1.6 (s, 4H), 1.5 (s, 4H), 1.4 (s, 4H), 1.3 (s, 4H), 1.2 (s, 4H), 1.1 (s, 4H), 1.0 (s, 4H), 0.9 (s, 4H), 0.8 (s, 4H), 0.7 (s, 4H), 0.6 (s, 4H), 0.5 (s, 4H), 0.4 (s, 4H), 0.3 (s, 4H), 0.2 (s, 4H), 0.1 (s, 4H)	150, 140, 130, 120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20, 10, 0	C 55.5, H 5.5, O 39.0
	85	105-106	105-106	1100, 1040, 1020, 1000, 960, 940, 920, 900, 880, 860, 840, 820, 800, 780, 760, 740, 720, 700, 680, 660, 640, 620, 600, 580, 560, 540, 520, 500, 480, 460, 440, 420, 400, 380, 360, 340, 320, 300, 280, 260, 240, 220, 200, 180, 160, 140, 120, 100	3.8 (s, 4H), 3.7 (s, 4H), 3.6 (s, 4H), 3.5 (s, 4H), 3.4 (s, 4H), 3.3 (s, 4H), 3.2 (s, 4H), 3.1 (s, 4H), 3.0 (s, 4H), 2.9 (s, 4H), 2.8 (s, 4H), 2.7 (s, 4H), 2.6 (s, 4H), 2.5 (s, 4H), 2.4 (s, 4H), 2.3 (s, 4H), 2.2 (s, 4H), 2.1 (s, 4H), 2.0 (s, 4H), 1.9 (s, 4H), 1.8 (s, 4H), 1.7 (s, 4H), 1.6 (s, 4H), 1.5 (s, 4H), 1.4 (s, 4H), 1.3 (s, 4H), 1.2 (s, 4H), 1.1 (s, 4H), 1.0 (s, 4H), 0.9 (s, 4H), 0.8 (s, 4H), 0.7 (s, 4H), 0.6 (s, 4H), 0.5 (s, 4H), 0.4 (s, 4H), 0.3 (s, 4H), 0.2 (s, 4H), 0.1 (s, 4H)	150, 140, 130, 120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20, 10, 0	C 55.5, H 5.5, O 39.0
	85	105-106	105-106	1100, 1040, 1020, 1000, 960, 940, 920, 900, 880, 860, 840, 820, 800, 780, 760, 740, 720, 700, 680, 660, 640, 620, 600, 580, 560, 540, 520, 500, 480, 460, 440, 420, 400, 380, 360, 340, 320, 300, 280, 260, 240, 220, 200, 180, 160, 140, 120, 100	3.8 (s, 4H), 3.7 (s, 4H), 3.6 (s, 4H), 3.5 (s, 4H), 3.4 (s, 4H), 3.3 (s, 4H), 3.2 (s, 4H), 3.1 (s, 4H), 3.0 (s, 4H), 2.9 (s, 4H), 2.8 (s, 4H), 2.7 (s, 4H), 2.6 (s, 4H), 2.5 (s, 4H), 2.4 (s, 4H), 2.3 (s, 4H), 2.2 (s, 4H), 2.1 (s, 4H), 2.0 (s, 4H), 1.9 (s, 4H), 1.8 (s, 4H), 1.7 (s, 4H), 1.6 (s, 4H), 1.5 (s, 4H), 1.4 (s, 4H), 1.3 (s, 4H), 1.2 (s, 4H), 1.1 (s, 4H), 1.0 (s, 4H), 0.9 (s, 4H), 0.8 (s, 4H), 0.7 (s, 4H), 0.6 (s, 4H), 0.5 (s, 4H), 0.4 (s, 4H), 0.3 (s, 4H), 0.2 (s, 4H), 0.1 (s, 4H)	150, 140, 130, 120, 110, 100, 90, 80, 70, 60, 50, 40, 30, 20, 10, 0	C 55.5, H 5.5, O 39.0



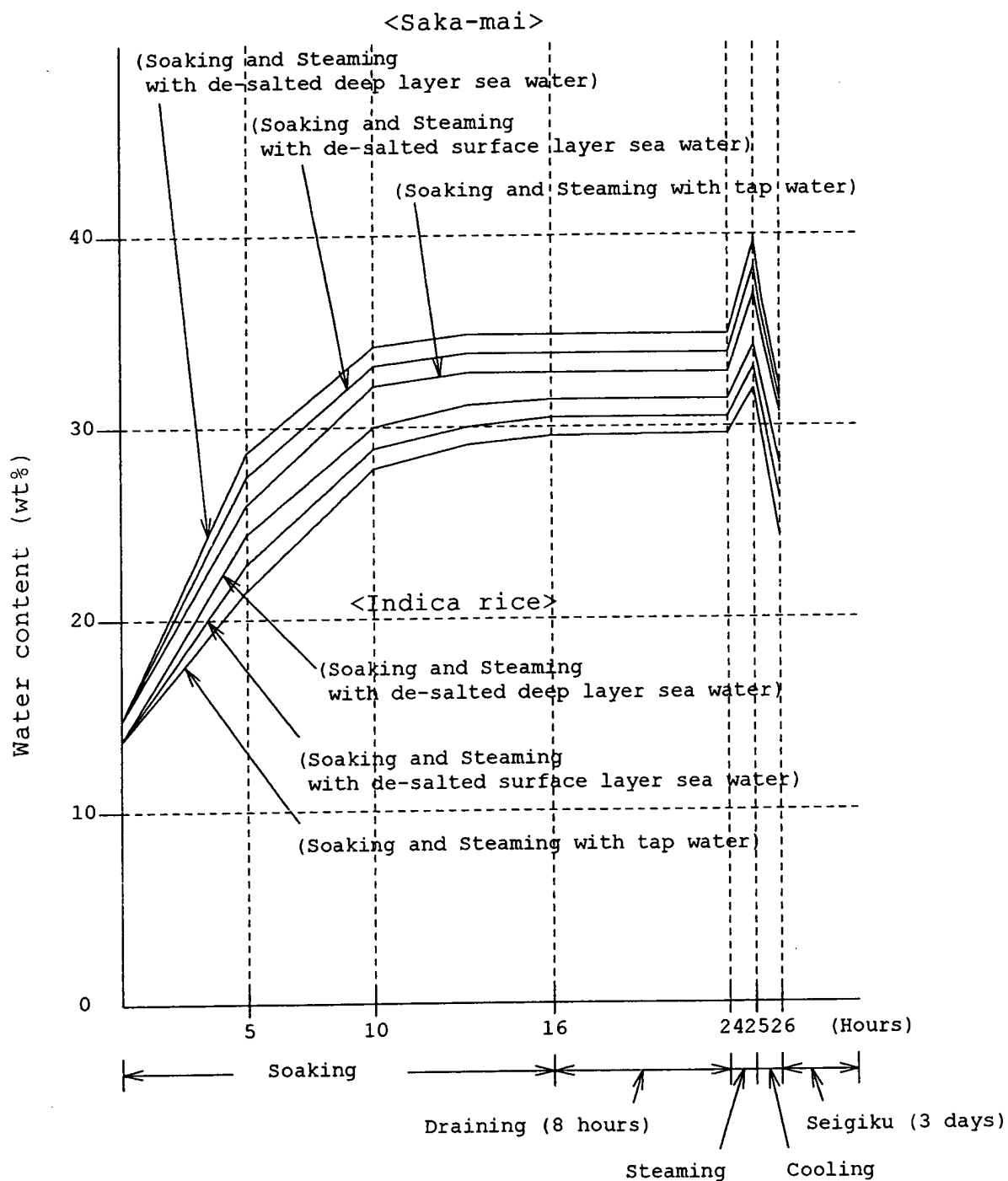
[illegible]

Fig.7

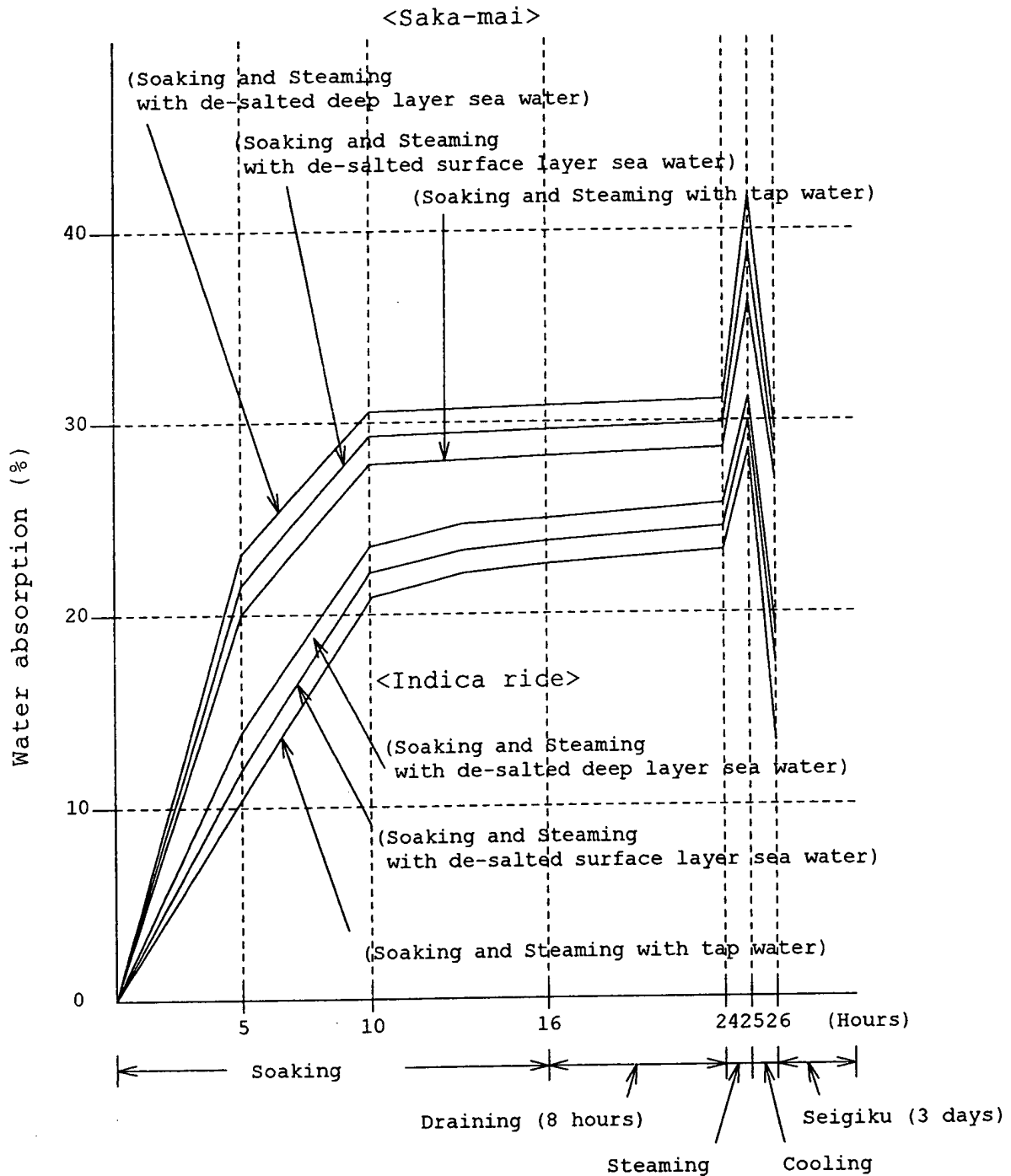
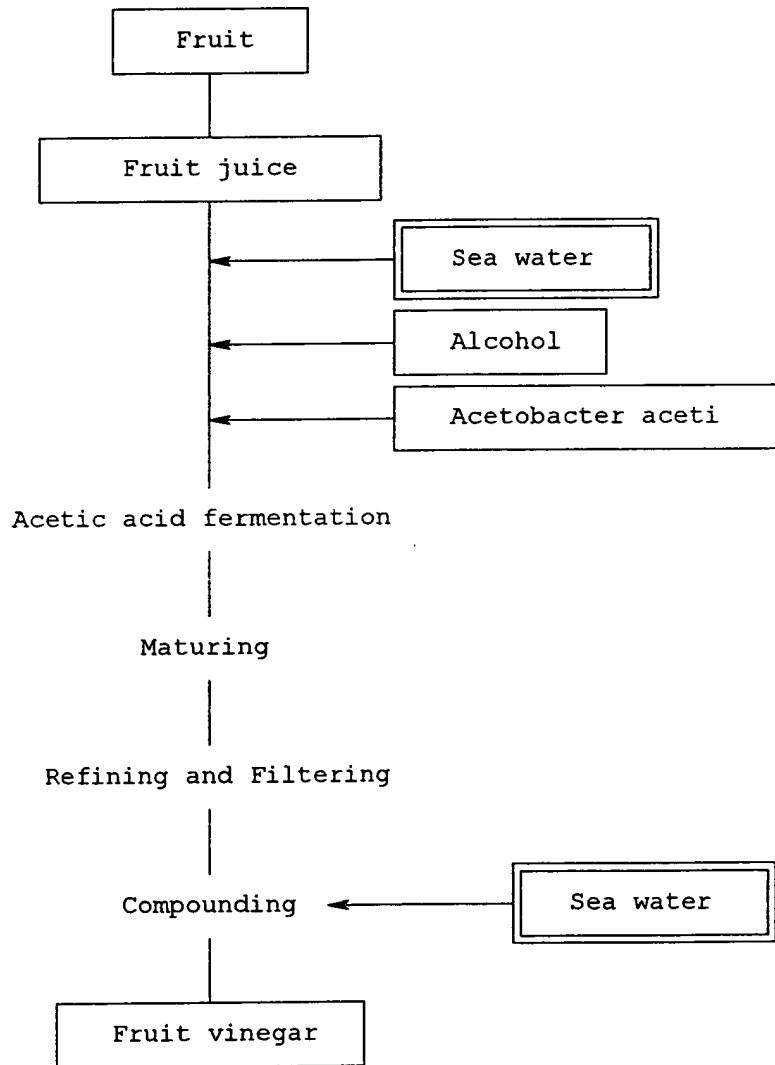


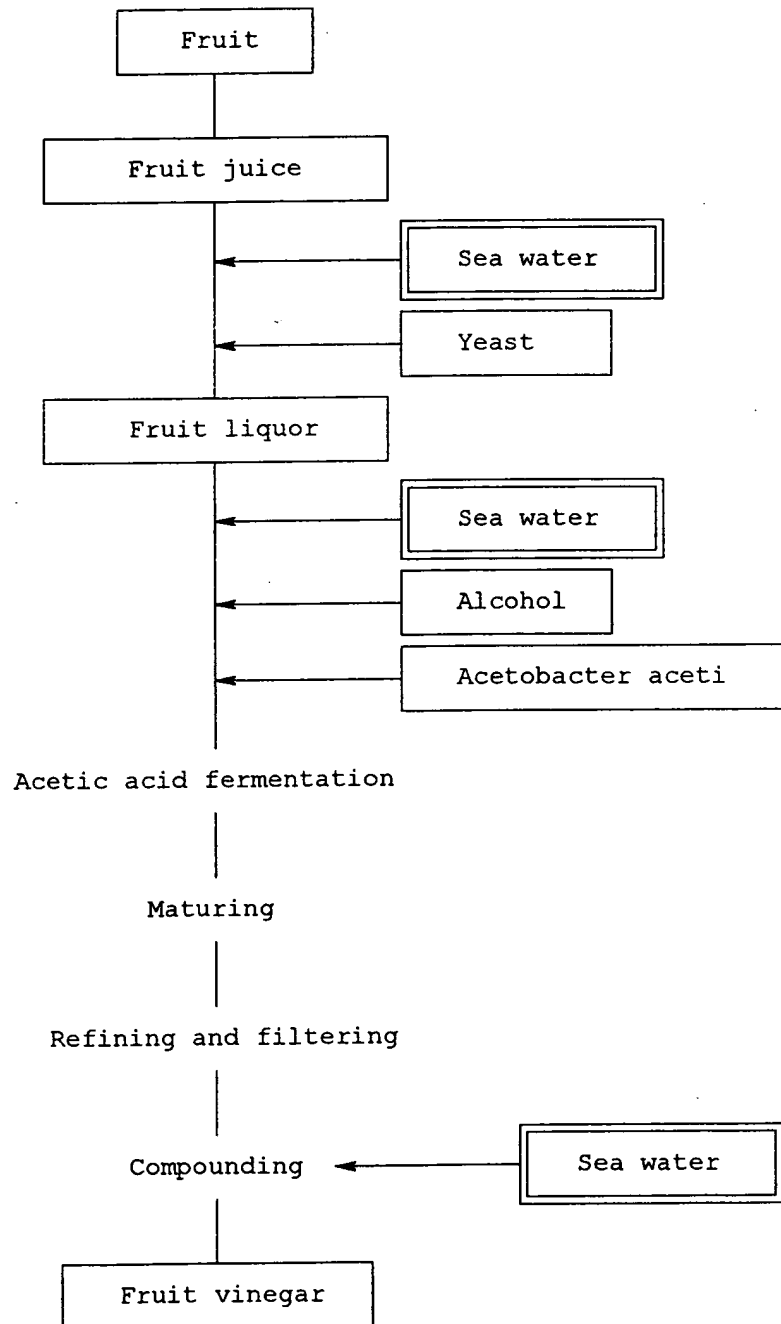
Fig.8



00519306-071800

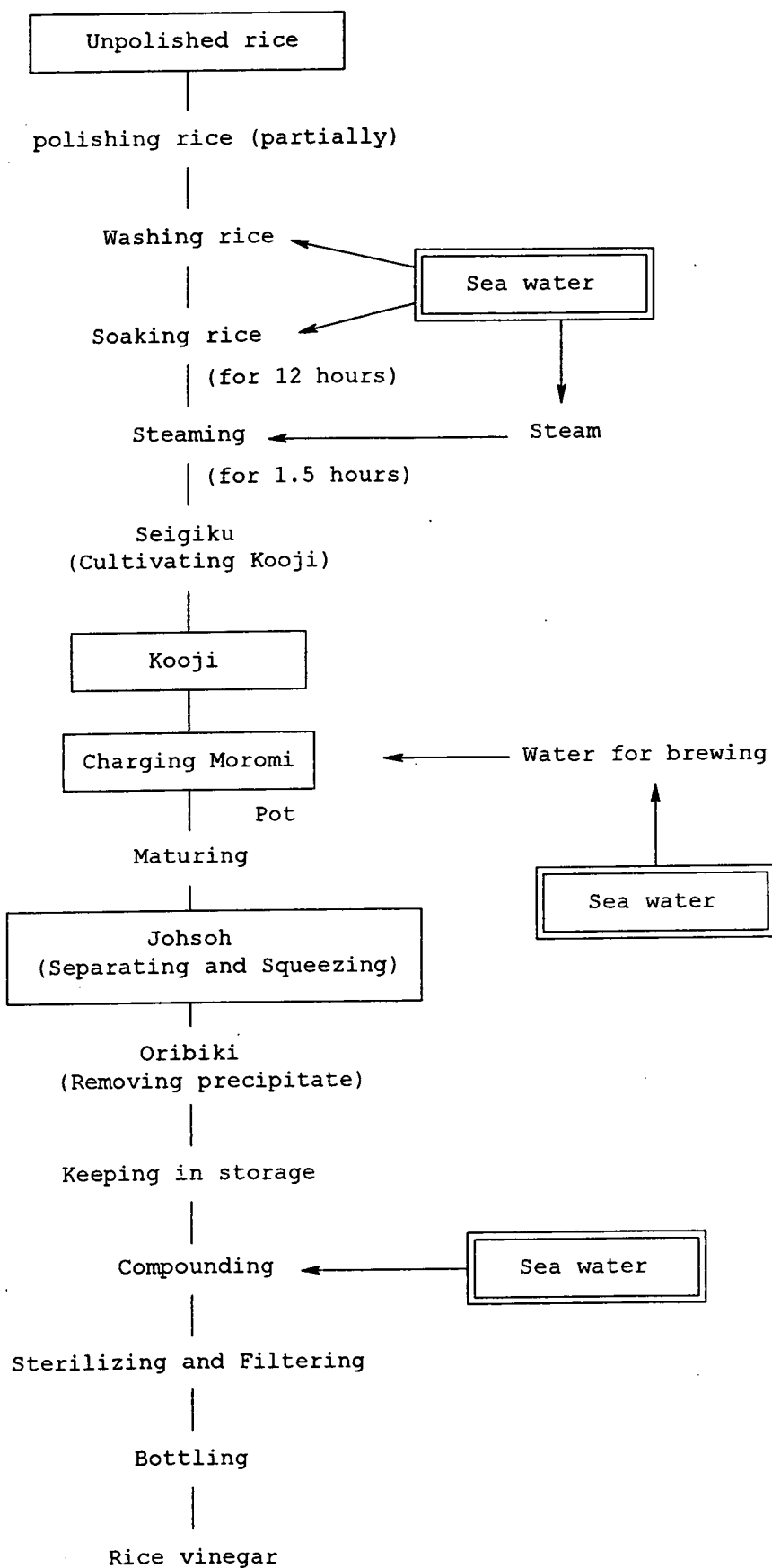


Fig.9



00640306-074000

Fig.10



00540306-071000

Fig.11

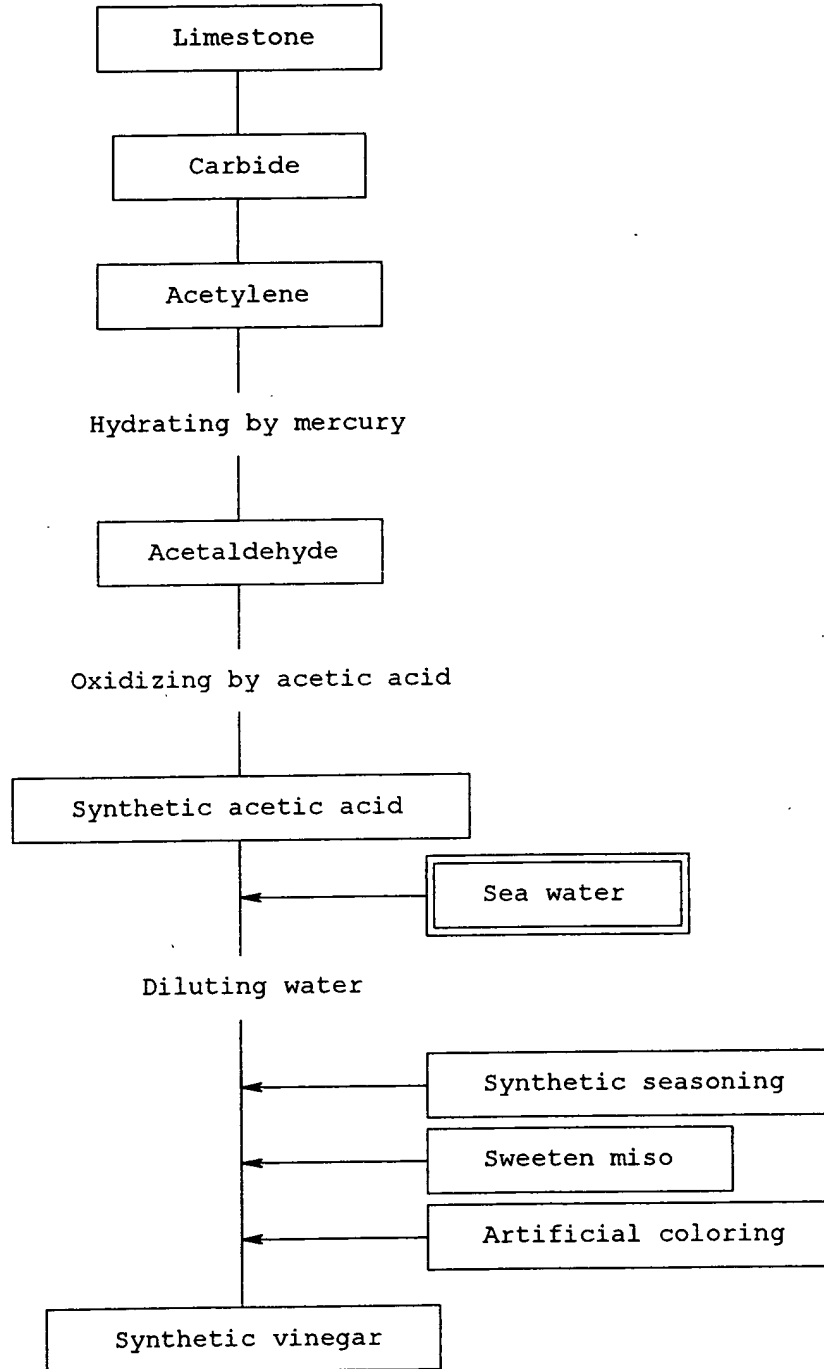


Fig.12

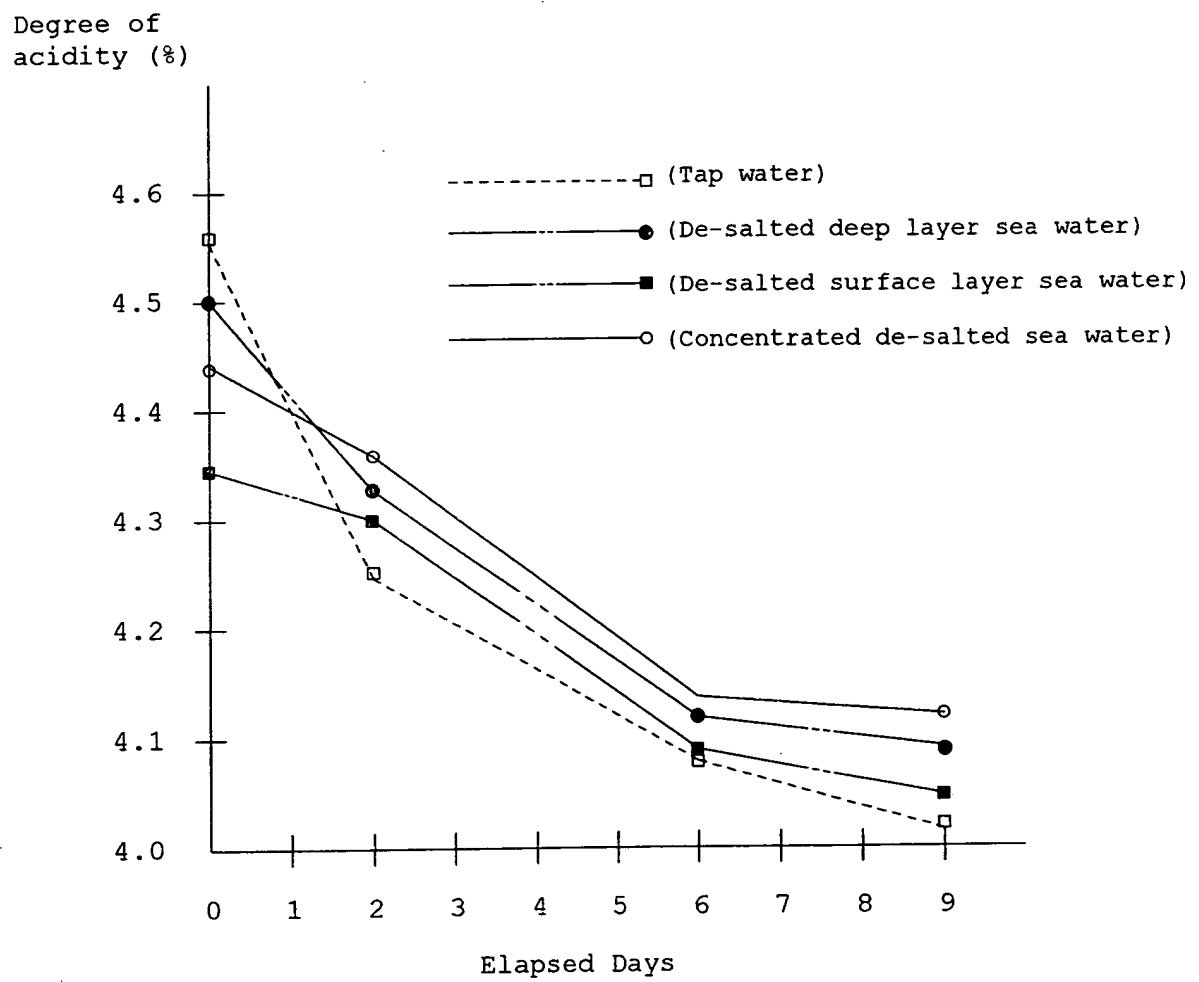
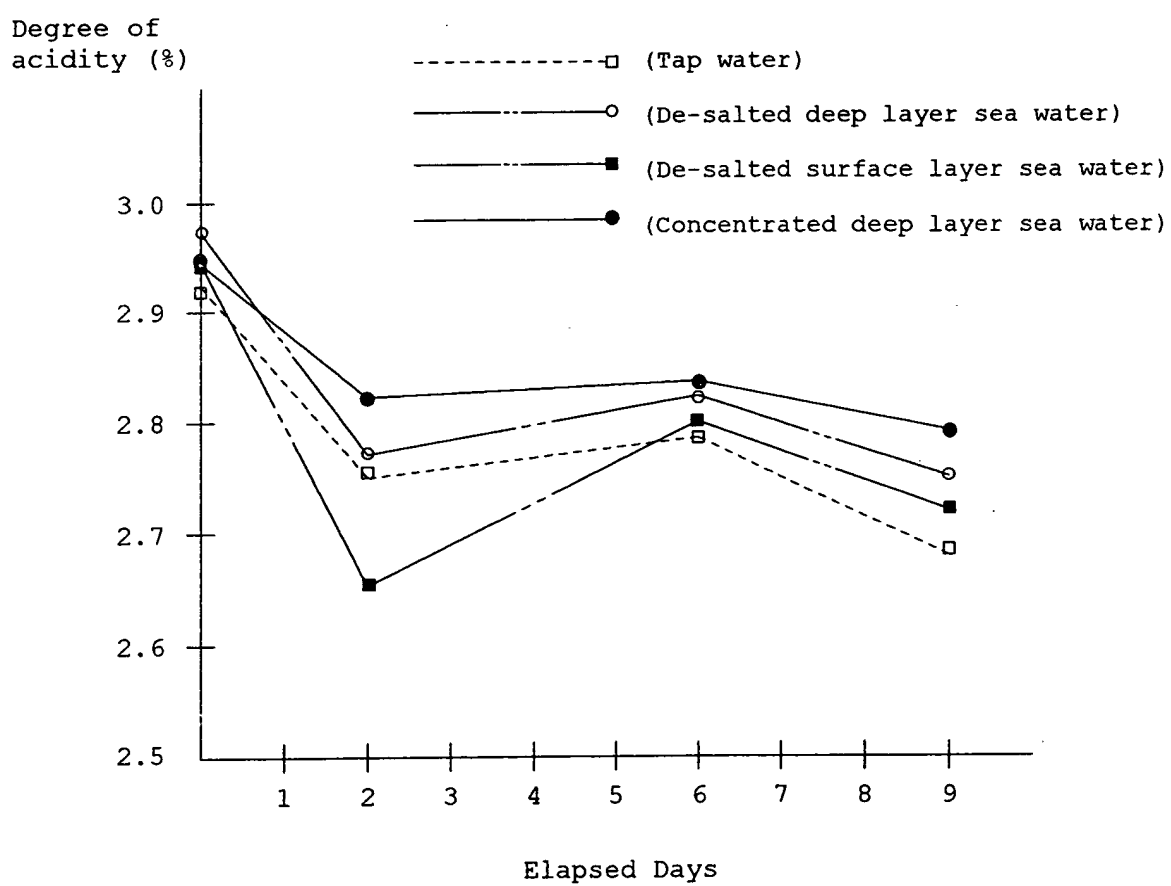


Fig.13



000720-90007900

Fig.14

Degree of  
acidity (%)

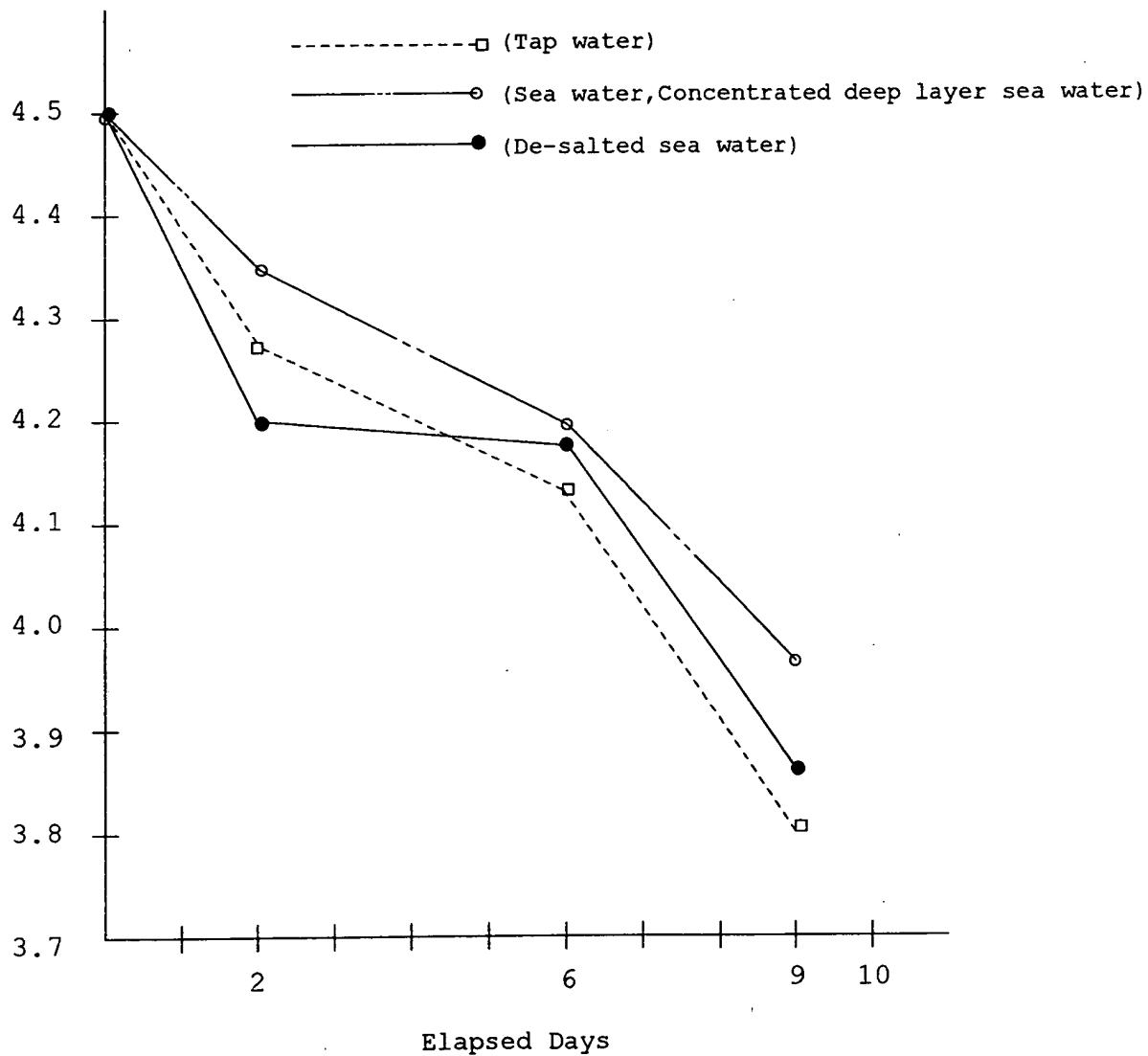
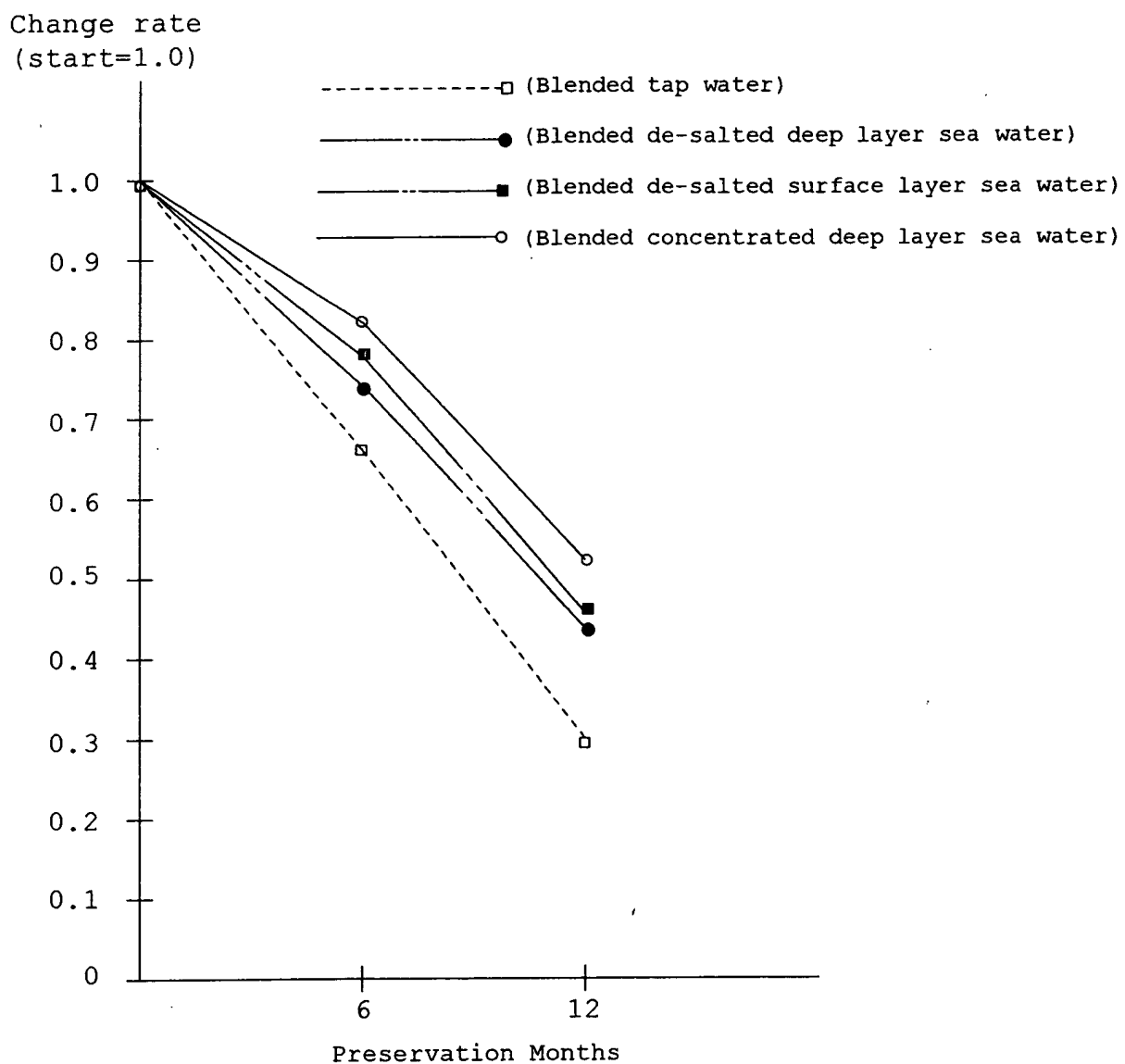


Fig.15



000120-90007500